

What is claimed is:

1. A white gold composition for casting, fabricating or soldering jewelry selected from a group consisting essentially of copper, silver, zinc and manganese.
2. A white gold composition as in claim 1 for casting, fabricating or soldering jewelry, and further consisting of tin, cobalt, silicon/copper and boron/copper.
3. A white gold composition as in claim 1 for casting, fabricating or soldering jewelry consisting essentially of about 98% to about 99% by weight copper, silver, zinc and manganese.
4. A white gold composition as in claim 3 for casting, fabricating or soldering jewelry, and further consisting of about 1% to about 2% by weight tin, cobalt, silicon/copper and boron/copper.
5. A white gold composition as in claim 1 casting, fabricating or soldering jewelry consisting essentially of about 36% to about 57% by weight copper, about 10% by weight silver, about 18% to about 25% by weight zinc, about 14% to about 29% by weight manganese.
6. A white gold composition as in claim 5, and further consisting of about 1% to about 2% by weight of tin, cobalt, silicon/copper, and boron/copper.
7. A white gold composition as in claim 6, and further consisting of about 0% to about 1% by weight tin, about 0% to about 0.05% by weight of cobalt, about 0.4% to about 0.6% by weight silicon/copper, and about 0.2% by weight boron/copper.

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8. A 10K white gold composition consisting essentially of about 57% copper, about 10% silver, about 18.2% zinc, about 14% manganese, and the balance consisting of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

9. A 10K white gold composition consisting essentially of about 56% copper, about 10% silver, about 18.2% zinc, about 14% manganese, about 1% tin, and the balance consisting of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

10. A 10K white gold composition consisting essentially of about 56.06% copper, about 10% silver, about 18.2% zinc, about 14% manganese, and the balance consists of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

11. A 14K white gold composition consisting essentially of about 51.15% copper, about 10% silver, about 20.2% zinc, about 17.9% manganese, and the balance consists of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

12. A 14K white gold composition consisting essentially of about 52.55% copper, about 10% silver, about 18.2% zinc, about 17.5% manganese, about 1% tin, and wherein the balance consists of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

13. A 18K white gold composition consisting essentially of about 36.16% copper, about 10% silver, about 24.2% zinc, about 28.9% manganese, and wherein the balance consists of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

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14. A 18K white gold composition consisting essentially of about 36.25% copper, about 10% silver, about 24.2% zinc, about 27.8% manganese, about 1% tin, and wherein the balance consists of about 0.75% to about 1% by weight cobalt, silicon/copper and boron/copper.

15. The method for casting a 10K white gold composition of claim 9 or 10, comprising casting the composition at a casting temperature of about 1730°C to about 1770°C.

16. The method for casting a 14K white gold composition of claim 11 or 12, comprising casting the composition at a casting temperature of about 1745°C to about 1760°C.

17. The method for casting a 18K white gold composition of claim 13 or 14, comprising casting the composition at a casting temperature of about 1750°C to about 1780°C.

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